

SYSCOM SPECTRUM



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From the Editor...

The SYSCOM Spectrum is published with the intent to keep the command informed of various news, issues, ideas, and events. In each edition, the commander will comment on a topic of interest. Readers are encouraged to submit comments and questions to the commander.

The newsletter also welcomes short articles from anyone who wants to use the newsletter as a forum to reach the command. Submit your articles by the last workday of the month prior to publication to: Wendy S. Howard, Editor, Current Operations, Program Analysis & Evaluation Directorate.

UPCOMING FEATURE ARTICLES in 1998!

January	CSLE	CT	CS
February	CBG	AAV	
March	TMDE	DFM	IC
April	UGV	AD/FSS	
May	PAE	LAV	AVTB
June	CIS	LW155	
July	CCR	LAW	INSP
August	AW	AAAV	
September	C4I	MCTSSA	
October	ARO	AP	RAO
November	PS	SBS	
December	SST	AM	NAWTSD

INSIDE

LW155	Pg 2
Dead Horse	Pg 3
Web Site of the Month	Pg 3
Info from ISMO	Pg 4
Marine Inbound Report	Pg 5
Technical Library	Pg 6
June Events/Quantico Happenings	Pg 6
Flag Warnings	Pg 7
Witticisms	Pg 7
Common Fears	Pg 7
The Good News	Pg 8
Marines from MCTSSA	Pg 9
Wharton Trophy Winners	Pg 9
Syscom Awards	Pg 9
All Water Isn't Equal	Pg 10
Hail & Farewell	Pg 10
Security Stuff	Pg 10
Quote	Pg 10



COMMANDER'S CORNER

Though it is hard to believe, this article marks the mid-point of 1998. As I did last year, I want to review my Commander's Intent with you to mark our progress so far:

1. "Support the new MCCDC office of Science and Innovation in it's charter to coordinate the Corps' efforts in S&T." We've done this well. The relationships between and among our S&T organizations are closer and better coordinated than ever. Not perfect; but better.
2. "Continue to improve our relationship with industry."

Again, a winner. We've recently held another industry day, and all the feedback is positive.

3. "Assist PM's to obtain adequate systems engineering and logistics support." Some progress here, but we have a long way to go. I am encouraged that the PM's are contracting for this support when they can't get it internally. Keep it up.

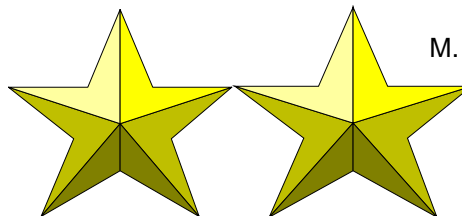
4. "Look for opportunities to outsource." No progress. We are stymied by lack of resources. This is an area where we have to invest up front for later return, and the dollars aren't there.

5. "Search for ways to promote civilian employees." A partial good-news story. We have found ways to promote some of our hard workers. Not as many as we would like, but better than before.

6. "Promote recognition for Marines in the Acquisition Community." Another mixed bag. I am disappointed by the latest promotion statistics, but pleased that we have agreed to become the acquisition functional sponsor. Lots more to do here!

7. "Find new and better ways to keep the operating forces informed." Good progress. Our revamped newsletter is a success, and we have sent teams throughout the FMF to tell our story. I get more feedback than ever before.

8. "Encourage prudent risk-taking in pursuit of acquisition reform. Continue our efforts to field equipment better, faster, cheaper." You have all proven that system can work for the customer; I'm proud of your efforts and grateful for your dedication. Let's press on together.



M. J. WILLIAMS

LIGHTWEIGHT 155MM TOWED HOWITZER - THE RIGHT SYSTEM

With the development of the Lightweight 155mm Towed Howitzer (LW155) fully underway, many are asking why the Marine Corps is pursuing the purchase of a new 155mm howitzer which may not be able to keep up with the fast tempo of operations envisioned in ship to objective maneuver?

The LW155 stands beside the MV-22, the AAV, and the LCAC as the four corners of the foundation for Operational Maneuver from the Sea (OMFTS) and Ship to Objective Maneuver (STOM) capability. There is no question that LW155 is exactly what the Marine Corps needs for true OMFTS fire support when artillery is rigorously analyzed across the complete spectrum of missions, terrain and weather that we will face.

Compared to the existing M198 howitzer, the LW155 provides the Marine Corps with a significant increase in effectiveness for executing OMFTS/STOM. In May 1996, a joint MCCDC-coordinated cost and operational effectiveness analysis (COEA) with the Army was completed that dramatically demonstrated the extraordinary benefits of the LW155- some of which we have already verified in manned testing with Marine crews. Our analysis showed that the LW155 can traverse 20% more terrain with the current 5-ton truck than does the M198. LW155 will also be externally transportable by the MV22, CH-53D/E, and the Army's CH47D. All but the MV-22 have been successfully demonstrated during testing. Does today's artillery have problems keeping up with the maneuver elements? Today we use a 5-ton truck to tow an 8-ton howitzer. LW155 not only traverses 20% more terrain with that 5-ton truck, but with the 8-ton MTRV replacing the Marine Corps' 5-ton, LW155's vastly improved ground mobility will be even more apparent. More negotiable terrain, at higher speeds, with better hill-climbing ability - the LW155's ground mobility advantages are significant.

The LW155 is the best light towed 155mm howitzer available today. As a 155mm cannon system, it capitalizes on the wide variety of fielded 155mm munitions, affording LW155 versatility and flexible response across a spectrum of missions. It also capitalizes on the significant US (and NATO) investment in the production of current munitions and in the development of new projectiles, propelling charges, fuzes, and other applicable artillery technologies. LW155 affords excellent growth potential for what is already a significantly operationally-improved towed howitzer.

The vast improvement in mobility and its 155mm versatility are only half of why LW155 is critical to OMFTS/STOM. Beginning in FY04, the key to fully exploiting LW155 advancements will be Army-leveraged digitized fire control and other Preplanned Product Improvement (P3I) enhancements that will bring towed artillery into the 21st century, alongside the Army's self-propelled howitzers. Each howitzer will be capable of self-locating, self-orienting, and rapid, accurate laying - allowing it to operate more independently and to use real terrain positioning, while still massing devastating fires.

Our experience with the first generation of this digital fire control during the Hunter Warrior experiment at Camp Pendleton and Twenty-nine Palms last year using the M198, demonstrated capabilities that were never possible in towed howitzer units in the past. Marine gun crews from Romeo Battery 5/11 were able to emplace the entire battery in 3.5 minutes - both day and night. (The MCCRES standard for the M198 battery is 12 minutes, day, and 20 minutes night). Section chiefs were emplacing the howitzers in survivable and defensible defilade or concealed positions - no longer having to retain line of sight to the aiming circle or to other howitzers, and no longer having to rely on an outside source for location, orientation, and accurate lay. The COEA found that the digitized LW155, by being able to displace quicker and more often, and by dispersing and still massing fires, was able to survive better against counterfire and inflict more losses on enemy artillery at a faster rate. This increased LW155 survivability by 24% over the M198, and allowed LW155 to provide a greater contribution to defeating enemy maneuver forces as well.

LW155 is a double-edged sword. Not only is it a vast improvement in the Marine Corps' fire support over the aging and operationally-deficient M198, but the LW155 is a highly cost-effective system in a time of severely constrained resources. Leveraged by almost ten years of private industry investment, and having the benefit of significant Marine Corps and US Army operational input throughout that time, LW155 is a system developed, defined, and redefined by the Marine and soldier. The LW155, leveraged by significant Army investment and strengthened by cooperative involvement with at least two allied nations during EMD and/or production is a smart, responsible, and operationally effective Marine Corps investment.

Dakota tribal wisdom says that when you discover you are riding a dead horse, the best strategy is to dismount.

- *Buying a stronger whip.
- *Changing riders.
- *Saying things like "This is the way we always ride dead horses."
- *Appointing a committee to study the horse.
- *Arranging to visit other sites to see how they ride dead horses.
- *Increasing the standards to ride dead horses.
- *Appointing a tiger team to revive the dead horse.
- *Creating a training session to increase our riding ability.
- *Comparing the state of dead horses in today's environment.
- *Change the requirements declaring that "This horse is not dead."
- *Hire contractors to ride the dead horse.
- *Harnessing several dead horses together for increased speed.
- *Declaring that "No horse is too dead to beat."
- *Providing additional funding to increase that horse's performance.
- *Do a CA Study to see if contractors can ride it cheaper.
- *Purchase a product to make dead horses run faster.
- *Declare the horse is "better, faster and cheaper" dead.
- *Form a quality circle to find uses for dead horses.
- *Revisit the performance requirements for horses.
- *Say this horse was procured with cost as an independent variable.
- *Promote the dead horse to a supervisory position.

Here's a great Web Site for anyone getting ready to move/PCS. This provides detailed checklists and much more.

The key to finding information or resources is your key volunteer. The SYSCOM key volunteers are available to provide information and resources for you and your family. Due to the departure of our current SYSCOM Key Volunteers the command is looking for volunteers who would like to become a Key Volunteer. Please contact Marina Reese or Angela Fields at Command Support 784-2087.

INFO from ISMO**ARE YOU READY FOR THE YEAR 2000 (Y2K)?**

At 12:01 on New Year's morning of the year 2000, many computer systems worldwide could malfunction or produce incorrect information simply because the date has changed. Unless identified and corrected, the impact of these failures could be widespread and costly. For example:

Your personal computer (PC) supplied with brand-x BIOS and CPU boards can revert to 1/1/1900. This will cause systems to erroneously compute information or simply not run.

The Y2K problem is rooted in the way dates are recorded and computed. The Marine Corps is committed to ensuring that all of its critical Fleet Marine Force (FMF) and supporting establishment computer systems are made fail safe from problems associated with the twentieth century change.

WHAT IS INFORMATION SYSTEMS MANAGEMENT BRANCH (ISMB) DOING ABOUT Y2K?

MARCORSYSCOM is working closely with MCCTA to develop strategies to economically solve Y2K problems. ISMB's mission is to ensure all of the vendor software, hardware, and firmware used are compliant.

Software

ISMB is the responsible office for all software purchased for internal use within MARCORSYSCOM. This office maintains all original copies of the software and the documentation. ISMB is individually testing all known software packages on MARCORSYSCOM's platform. All software packages that ISMB certifies as compliant will be documented in a Lotus Notes database in the near future. If a PM/Dir has individually acquired software, please provide ISMB with the original copies and license agreements. We will then make a copy and provide you with the copy. Once the software is received, ISMB will test it on our platform. Effective immediately, ISMB will not purchase any software that is not Year 2000 compliant.

Although the software may be certified as compliant, there still may be date related problems because of data administration techniques used in developing local databases and applications. It is the responsibility of all PMs/Dirs to validate the software. If the application is developed by a contractor, PM/Dirs are required to obtain a letter of certification from the contractor. Copies of the certification need to be forwarded to ISMB. To date, ISMB is not aware of any contracts awarded to convert locally developed applications to Y2K. If this is not the case, please provide ISMB with this information.

MCCTA is working with vendors that supply Marine Corps standard software to ensure that it is Y2K. ISMB will forward any questions a user has concerning compliance of new software products to MCCTA if they can not answer themselves.

Hardware

ISMB is responsible for ensuring that all hardware internal to MARCORSYSCOM is Y2K ready. This includes, but is not limited to, desktop PCs, servers, laptops, fax machines and network devices (routers, smart hubs, modems). ISMB will check that the BIOS of that system is compliant. ISMB is not responsible for any telecommunications devices. MARCORSYSCOM has replaced the majority of its' infrastructure within the past two years with compliant hardware. As a visible sign that the equipment is compliant, ISMB will attach an orange tag to the device to denote the following:

1. Date checked
2. Method used to determine compliance
3. POC/section

If PMs/Dirs have any hardware that was not procured through ISMB and you have question/concerns about being compliant, please call the helpdesk and we will help validate your hardware. ISMB is required by policy to buy MCHS products using approved contract vehicles. These MCHS products are already certified Y2K compliant. All future purchases will be made through CCR using MCHS.

The headquarters Y2K representative for MARCORSYSCOM is Mr. George Gibbs 784-3110 x2074. He provides ISMB with Marine Corps policies pertaining to this issue. If you have any questions concerning Y2K, contact the ISMB helpdesk at 784-4381.

MARCORSYSCOM MARINE INBOUND REPORT

This report is a "snap shot" in time as of 1 May 98, and is subject to change. Contact SYSCOM Manpower office 784-3214/5 regarding any questions on the accuracy of this report.

<u>GRADE/NAME</u>	<u>DIR/PM</u>	<u>EDA</u>	<u>GRADE/NAME</u>	<u>DIR/PM</u>	<u>EDA</u>
BGen Feigley	HQ	980701	Col Gillespie III	RAO	980706
Col Hughes	C4I	980715	Col Johnson	CBG	980831
Col Lewis	C4I	981201	Col Lytle	LAV	980601
Col Phillips	CBG	980631	LtCol Brann	PAE	980630
LtCol Costello	CSLE	980602	LtCol Dixon	CBG	980630
LtCol Elkins	C4I	980915	LtCol Gibbons	C4I	980831
LtCol Karcher	TBD	980707	LtCol Lane	CBG	980701
LtCol Langdon	SST	980601	LtCol Manley	TBD	980701
LtCol Minor	TBD	TBD	LtCol O'HAGAN	C4I	980831
LtCol Sawyers	C4I	980801	LtCol Spegele	C4I	980701
LtCol Storey	CSLE	980831	LtCol Williams	PS	980902
Maj Bianca	CBG	980630	Maj Bywaters	C4I	980631
Maj(LtCol) Campbell	C4I	980802	Maj Charleston	SST	980702
Maj Cole	C4I	980531	Maj Colwell	LAW	980630
Maj Devers	C4I	980810	Maj Fitzgerald	PS	990231
Maj Gaskins	PS	980710	Maj Hom	C4I	980831
Maj Jonston	RAO	980731	Maj Leard	DFM	980801
Maj Morton	CSLE	980615	Maj Padilla	C4I	980630
Maj Speights	SST	980730	Maj Thomas	PS	980715
Capt Benson	TBD	980715	Capt Bornschein	C4I	980505
Capt Calhoun	PAE	990118	Capt Devine	PS	980801
Capt Gerlach	C4I	980531	Capt Hogan	CS	980330
Capt McCord	CSLE	980930	Capt Penrose	C4I	980930
Capt Schamel	SST	980731	Capt Seipt	PS	980631
Capt Taylor	C4I	980601	Capt Terselic	CBG	980701
Capt Tivnan	PAE	980531	1stLt Bradley	TBD	980831
1stLt Brinton	C4I	980731	1stLt Hoffman	CBG	980531
1stLt King	C4I	980501	1stLt Moran	CBG	980730
CWO5 Farley	CSLE	980815	CWO5 Woodworth	C4I	980801
CWO3 Tomilson	C4I	UNKNW	CWO3 Wright	C4I	980630
CWO2 Charboneau	C4I	980731	CWO2 Estep	CBG	980715
CWO2 Francois	C4I	980901	CWO2 Hansen	AM	UNKNW
CWO2 Needel	AM	980630	CWO2 Rice	TBD	980731
MGySgt Huskey	C4I	980730	MSgt Gibbs	TBD	981231
MSgt Trujillo	C4I	980701	MSgt Tyler	C4I	980730
GySgt Brown	CBG	980801	GySgt Clever	C4I	980730
GySgt Dale	C4I	980815	GtSgt Frank	CBG	980805
GySgt Huff	CS	980730	GySgt Lungstrom	C4I	980515
GySgt Petersen	C4I	980710	GySgt Robinson	C4I	980930
GySgt Sims	CBG	980401	GySgt Walker	HQ	980701
SSgt Brown	CBG	980501	SSgt Butler	C4I	980930
SSgt Carmenia	CSLE	980510	SSgt Russell	C4I	980520
SSgt Snyder	CS	980430	SSgt Whobrey	DFM	980723
Cpl Larson	CS	980630	Cpl OGorman	C4I	980603

TECHNICAL LIBRARY

The following are new arrivals at the Marine Corps Systems Command technical library for the month of May 1998. The library is located in building 3089, wing D.

MANUALS

- TM 10006-14&P/1 Shower Facility Bare Base, Erection, Storage, Operation, Inspection and Maintenance Instructions with Illustrated Parts Brakedown, Ch 8, January 97.
- TM 09470B-24P/4 Trailer, Self-Loading, Ribbon Bridge/Container Hauler, MK18A1, Organizational, Direct Support and General Support Maintenance Repair Parts and Special Tools List, September 97.
- TM 09470B-10/1 Trailer, Self-Loading, Ribbon Bridge/Container Hauler, Operators Manual, September 97.
- TM 3-4240-276-30&P Purifier, Air, M2A2, Precleaner and Particulate Filter Assembly: M1A1-19, Direct Support Maintenance Manual, Including Repair Parts and Special Tools List, 30 December 97.
- MI 08211B-50/6 Modify AN/TPQ-36(V)5 Radar Set to AN/TPQ-46 Radar Set, 9 April 98.
- TM 09470B-34/3 Trailer, Self-Loading, Ribbon Bridge/Container Hauler, 4X4, MK18A1, (Oshkosh Truck Corporation), Direct Support and General Support Maintenance Manual, September 97.
- TM 09470B-20/2 Trailer, Self-Loading, Ribbon Bridge/Container Hauler, 4X4, MK18A1, (Oshkosh Truck Corporation), Organizational Maintenance Manual, September 97.

REPORTS

- Marine Day 1998 (Amphibious Assault Vehicles, Air Defense, Command Information Systems, Communication/Intelligence, Ammunition, Amphibious Warfare Technology, Combat Support and Logistics Equipment, Nuclear Biological, Chemical, Motor Transport, Engineer Support Equipment, Ground Weapons, Light Armored Vehicle.

JUNE EVENTS

International Volunteers Week	1 - 7 June
National Attitude Day	5 June
World Environment Day	5 June
National Family Day	6 June
D-Day Anniversary	6 June
National Ergonomics Week	7 - 13 June
National Hug Holiday Week	7 - 13 June
Flag Day	14 June
National Slurge Day	18 June
Father's Day	21 June

and don't forget...

Cancer from the Sun Month * Fireworks Safety Month * National Burglary Prevention Month * June Diary Month

QUANTICO HAPPENINGS

LARSON's GYM will expand their hours of operation due to customer demand...


0900 - 1900 Sunday's - Weekday hours of operations will remain the same.


QUANTICO SHOOTING CLUB is seeking new members. The club provides active, reserve, retired military and DoD employees a place to shoot personal weapons for recreation. Ranges available include: 300 yd range for rifles, shotguns and black powder rifles. Outdoor pistol range, International Trap range, International Skeet range and Archery range. Dues are \$15 a year. Call Sgt Paul Roberts at 640-6336.


TRAFFIC LIGHTS CHANGE - The traffic lights at the intersections of: Barnett and John Quick, Barnett and Elliott, and Barnett and Neville will change to flashing between 2200 and 0600 daily.


CAUTIONS FOR ACTIVITY DURING SUMMER HEAT

FLAG WARNINGS

 ***GREEN FLAG** - In this condition, unacclimatized (in the Quantico area, less than two to three weeks) base personnel should exercise with caution and supervision.

 ***YELLOW FLAG** - All strenuous physical training, such as marching at standard cadence, should be suspended for unacclimatized members. Outdoor classes in the sun are to be avoided.

 ***RED FLAG** - Under this condition, all physical training for anyone who has not become thoroughly acclimated by at least 12 weeks will be halted. Those troops who are climatized may carry on limited activity not to exceed six hours per day.

 ***BLACK FLAG** - All non-essential outdoor physical activity will be halted for all units. Essential activities are defined as those activities associated with scheduled exercises or other major training evolutions where the disruption would cause undue burden on personnel or resources.

REMEMBER TO DRINK PLENTY OF WATER DURING THESE SUMMER MONTHS!

COMMON FEARS

Percentage of people saying they're "afraid" or "very afraid" of the following, according to *USA Weekend*.

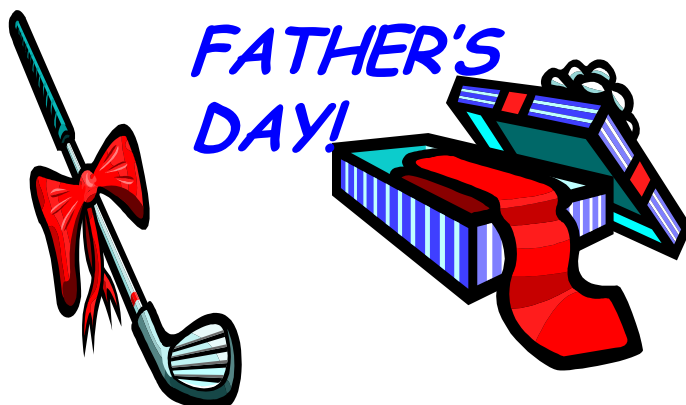
Being in a car crash	54%
Having cancer	53%
Inadequate Social Security	50%
Not enough money for retirement	49%
Food Poisoning from meat	36%
Getting Alzheimer's	35%
Pesticides on food	34%
Being a victim of violence	33%
Inability to pay current debts	32%
Getting AIDS	28%
Unsafe or sick building	24%
Losing a job	23%
Being in a plane crash	22%
Stock market crash	20%
Accused of sexual harassment	15%
Being sexual harassed	11%

"WITTICISMS FOR PEOPLE WHO REFUSE TO GROW UP... GRACEFULLY!"

By Roy English

**When I am an old coot...
I will teach my grandchildren how to
belch "Clementine" when their
mommies aren't around.**

**HAPPY
FATHER'S
DAY!**



THE GOOD NEWS

STORK REPORT

BENJAMIN DOUGLAS MASON was born on April 28, 1998 at a whopping 9-1/2 lbs. Major and Mrs. Doug Mason (**PAE**) are the proud parents.

BRAVO ZULU!
Cpl Hardridge graduated from the Corporal's course.

FAUXPAS!

In the May 98 issue of the Spectrum it was listed in the "Good News" that several SYSCOM personnel and others graduated from ACQ201 at DSMC, Ft. Belvoir... **OOPS!** that was incorrect! These personnel were graduates of the Program Management Course (PMT 302).

**BYE BYE, SEE YA,
ADIOS, ALOHA,
AU REVOIR, T.T.F.N.**

To Majors Karafa and Mason from everyone at PAE. You will be missed greatly, but could you please hurry up and get your gear out.... we need your cubicle space!

GOOD LUCK!!

GOOD JOB!

Ms. Bianca Jimenez was selected to attend the Aspiring Leader Program.

WEDDING BELLS

Mr. & Mrs. Charles Thompson (PSL) announce the marriage of their daughter, Rebecca to Mr. Darren Hillmann on April 25, 1998.

CAP -n- GOWN's

Robyn Quattlebaum, daughter of Col. John Quattlebaum (PM AD), will graduate from Courtland High School in Spotsylvania this month. Robyn will attend the University of Tennessee at Knoxville this fall. **GO VOLS!!**

Basil Earl (Trey) Moncrief III graduated from Antietam Elementry School and will attend Lakeside Middle School in the Fall. Trey plays cello in the Strin Orchestra, is in the Enrichment program for math, language and art, is a safety patrol officer and Boy Scout, and starts at middle linebacker for his Pop Warner football team.

Shelly Finke graduated from Stafford and will attend Stafford Middle School in the fall. Shelly is a Girl Scout, a school peer mediator and plays fullback on her soccer team.

Hilary Jane Howard ~ "Howie" graduated from Burrows Elementry School and will attend Quantico Middle School in the fall. She was on the Safety Patrol, and the staff of the school Bulldog Barks (the school newspaper.) She is a Girl Scout Cadette and is holds the starting position of "sweeper" in her traveling soccer team The Cyclones.

FIRST PLACE! To Joe Miller's daughter **Kati!** She won first place in the biology division at Antietam Elementry School's Science Fair last month. Kati conducted experiments to determine the effect of music on the growth of tomato plants. The innovation and scientific discipline of her experiment and the excellence of her presentation at the Fair earned her the Blue Ribbon for her division. **WAY TO GO!** Maybe Kati can conduct infrared experiments with Dad over at CBG???

If you have "Good News", send it to: **HOWARDW@PAE@MARCORSYSCOM**

Please keep the good news coming!

**MARINES from MCTSSA
(NEWS from the LEFT COAST)**

**NAVY/MARINE CORPS
COMMENDATION MEDAL**

GySgt Griffin
SSgt Jones

CERTIFICATE OF COMMENDATION

GySgt Beran
Sgt Stiever
Cpl Roberts
LCpl Cunningham

GOOD CONDUCT MEDAL

LCpl Homeyer
LCpl Smith

MERITORIOUS MAST

Cpl Jolin

PROMOTION

SSgt Hernandez
Sgt Beltran
Sgt Cannon
Sgt Jones
Sgt Poe
Sgt Thompson
Cpl Murphy
Cpl Parks
Cpl Phillips

RE-ENLISTMENTS

Sgt Powell
Cpl Johnson

INBOUND

Capt Jernigan
GySgt Walker
Sgt Carmona
Cpl Thompson
LCpl Anstaett

SYSKOM AWARDS

**NAVY/MARINE CORPS
ACHIEVEMENT MEDAL**

Capt Calvin Cox
GySgt Cheeseman
Sgt Warrington

SPOT CASH AWARD

GS06 Garrett

WHARTON TROPHY WINNERS



Seven Marines from MCTSSA overcame rain, wind, and extreme temperatures to compete at the 1998 Western Division Rifle and Pistol Matches. The team members combined their skills to win the prestigious Wharton Trophy with a score of 1118 with 68V out of a possible 1200. The Wharton Trophy, established in 1907, is the second oldest award for Marine marksmanship. Teams are comprised of four shooting members, team captain, and coach. The shooting members must include a firing Officer, Sgt or below, and a tyro (1st time competitor). Each team member shoots the Division Match course of fire and the team with the highest aggregate score is declared the winner. Members of the 1998 MCTSSA Marksmanship Team are: CWO2 S. D. Francois, MSgt D. L. Heuman, GySgt J. J. Rieser, Cpl C. Y. Gerke, Cpl N. A. Warner, Cpl C. J. Randall, and Cpl J. Denis. (Not pictured Cpl N.A. Warner, Cpl J. Denis)

**NAVY/MARINE CORPS
COMMENDATION MEDAL**

CWO5 Fleming
MSgt Crane
GySgt Reese

SPECIAL ACT AWARD

GS-12 Balsley

* * * * *

HAIL AND FAREWELL

Systems Command is pleased to "Welcome Aboard" the following individuals:

LtCol Royston (C4I)
GySgt Meyer (C4I)

Maj Valdyke (PAE)
SSgt Liddle (CSI)
GS04 Cole (AAV)

MSgt Ransom (C4I)
Cpl Doudlass (DFM)
GS04 Newby (CSLE)

During the past month, the following personnel have departed Systems Command. To them, we wish "Fair Winds and Following Seas."

Maj Bingham (C4I)
1stSgt Ansley (C4I)

Capt Frank Jr. (CBG)
MSgt Ehlenberger (CSLE)
SSgt Benton (PS)

Capt Wilson (CBG)
GySgt Melcher (CBG)
Sgt Kristopher (HQ)

SECURITY STUFF

OPEN-SOURCE COLLECTION

The Openness of the American society and the wealth of technical, scientific, political, and economic information available through the open media provide US adversaries with a vast amount of detailed, accurate, and timely information. The use of open-source information as an intelligence source has a number of benefits. It is relatively cheap to obtain, it is legal in the majority of instances, and it makes up the greatest volume of information accessible to an intelligence collector. Because of these benefits, open-source information has increasingly been exploited by many foreign entities, to include foreign intelligence services in an attempt to target the United States.

The global growth of the Internet has changed the accessibility and ease with which foreign collectors can gather data. Reporting indicates that foreign collectors have increased their connections with Internet service providers. Information available through electronic databases and electronic bulletin board systems available to the public continues to grow dramatically. Bulletin board systems, some of which track sensitive US Government activities or provide information on proprietary activities performed by government contractors, have grown rapidly on the Internet.

ALL WATER ISN'T EQUAL

"Bottled water" means that the water meets standards for drinkability, is packaged in sanitary containers, and is sugar- and calorie-free. The Food and Drug Administration and the International Bottled Water Association have established the following definitions for categories of bottled water.

DRINKING WATER can stem from any acceptably clean source.

SPRING WATER flows naturally to the surface from an underground formation or is pumped from a spring.

ARTESIAN WATER comes from a well that taps a confined underground aquifer.

MINERAL WATER comes from a protected underground source whose mineral content and overall quality is consistent. No extra minerals may be added.

SPARKLING WATER gets its bubbles from carbon dioxide. (Soda water, seltzer, or tonic water are softdrinks and may contain sugar or calories.)

DISTILLED WATER is free of minerals, so it is safe for use in steam irons and for drinking.

PURIFIED WATER has been cleansed of minerals and chemicals through any number of processes. Along with distilled water, it's one of the purest of all drinking waters.

QUOTE

Words form the thread on which
we string our experiences.

Aldous Huxley